

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of semantically representing a target entity, the method comprising:

representing a set of attributes of the target with identifying a set of meta-tags in the target entity to semantically represent a set of attributes associated with the target entity in a semantic object; [L.]

wherein, the set of attributes comprises at least one attribute for specifying an access policy of the semantic object representing the target entity;

wherein a type of the target entity is one of a physical entity, a software entity, and an intangible entity;

receiving representing at least one of the set of attributes with a metadata entry for a meta-tag of the set of meta-tags;

wherein, the metadata entry semantically represents an attribute of the set of attributes; associateable with at least one of the set of meta-tags;

wherein one or more of the metadata entry and the ~~at least one of the meta-tag~~[[s]] are is definable with an ontology for enabling semantic access to the target entity;

wherein the target entity is semantically identifiable via one or more of the ~~at least one of the meta-tag~~[[s]] and the metadata entry associated with the semantic object. ~~target.~~

2. (Canceled)

3. (Currently Amended) The method of claim 1, further comprising, a method for [[.]] documenting information, the method comprising:

creating the a second semantic object that is configured to represent resource information or tacit information, the second semantic object comprising meta-tags for identifying semantic information, and rules regarding at least one of: how the second semantic object (i) interacts with, (ii) is manipulated by, and (iii) is displayed to human beings and automated processes;

seeking to detect an information resource containing information that can be represented by the second semantic object; and

if the information resource is found, linking the second semantic object to the information resource such that the second semantic object represents the information resource, wherein the second semantic object is also configured to have a link to or from any number of other semantic objects.

4. (Currently Amended) The method of claim 3, wherein the information resource is found, the method further comprising providing the second semantic object with meta_data about the information resource.

5. (Currently Amended) The method of claim 3, wherein the information resource is not found, and wherein the second semantic object represents the tacit information.

6. (Currently Amended) The method of claim 3, wherein the second semantic object is created before seeking to detect the information resource.

7. (Currently Amended) The method of claim 3, wherein the information resource is detected before creating the second semantic object.

8. (Currently Amended) The method of claim 7, wherein the information resource is detected upon the information resource being published.

9. (Currently Amended) The method of claim 8, wherein any entity that publishes the information resource triggers the creation of the second semantic object.

10. – 12. (Cancelled)

13. (Currently Amended) The method of claim [[11]] 3, further comprising linking the second semantic object to at least one of the other semantic object in the library.

14. (Previously Presented) The method of claim 1, wherein the physical entity comprises, one or more of, a living organism, a person, a place, an organization, a corporation, an object, a physical item, a processor, a machine, a natural entity, and an artificial entity.

15. (Previously Presented) The method of claim 1, wherein the software entity comprises, one or more of, a document, an email, an address book entry, a message, an instant message, a query, a discussion thread, a posting, an XML message, a file, a directory, multimedia content, a website, a web-page, a blog, and a data record.

16. (Previously Presented) The method of claim 1, wherein the intangible entity comprises, one or more of, a relationship, an interaction, a link, a semantic relationship, a keyword relationship, a personal relationship, a connection, a transaction, an event, a type of activity, knowledge, content, an idea, and a concept.

17. (Cancelled)

18. (Currently Amended) The method of claim 17, wherein the set of meta-tags are at least partially determined from ~~based on~~ the type of the target entity.

19. (Currently Amended) The method of claim 1, wherein the set of attributes of the target entity, further comprises, ~~rules~~ policies regarding one or more of, interaction with the target entity, manipulation of the target entity, and presentation of the target entity.

20. (Currently Amended) The method of claim 17, wherein the semantic representation is ~~one or more of,~~ machine-readable or ~~and~~ human-readable.

21. (Currently Amended) The method of claim 1, wherein the metadata is user-specifiable or machine-specifiable.

22. (Previously Presented) The method of claim 1, wherein the metadata is retrievable on-demand.

23. (Cancelled)
24. (Currently Amended) The method of claim 1 23, wherein the metadata is modifiable.
25. (Currently Amended) The method of claim 1, wherein the metadata represents one or more of, a link to second target entity having a first identified relationship matching one of a predetermined set of semantic or peer relationships and a link from a third target entity having a second identified relationship matching one of the predetermined set of semantic or peer relationships.
26. (Previously Presented) The method of claim 25, wherein one or more of the first identified relationship and the second identified relationship is detected from a user triggered event.
27. (Previously Presented) The method of claim 25, wherein one or more of the first identified relationship and the second identified relationship is user-specified.
28. (Currently Amended) The method of claim 18 17, wherein the metadata provides data about the structure of the semantic representation.
29. (Currently Amended) A computer-readable medium having stored thereon instructions, that when executed, create a semantic object data structure that is stored in computer memory for representation of ~~representing~~ a semantic object associated with a target entity, the semantic object data structure having a plurality of fields, the semantic object data structure comprising:
a set of meta-tag fields of the plurality of fields determined by a type of the semantic object, the set of meta-tag fields for semantically representing a set of attributes associated with the semantic object;
wherein, the set of attributes comprising at least one attribute for specifying an access policy of the target represented by the corresponding semantic object;
a set of metadata fields of the plurality of fields ~~associated each corresponding to with a particular meta-tag field of the first set of meta-tag fields;~~ [[,]]

wherein ~~a value of~~ a metadata entry provided in a particular metadata field of the set of metadata fields specifies a particular attribute of the set of attributes of the semantic object; and wherein the metadata entry is ontologically definable for enabling semantic access to the target entity;

~~wherein the value of the metadata entry is one or more of, user-specifiable and machine-definable. wherein, the semantic object data structure is accessed during execution for identifying the particular attribute of the semantic object represented by the associating metadata entry provided in the particular metadata field.~~

30. (Currently Amended) The semantic object data structure of claim 29, further comprising, an identifier field of the plurality of fields to uniquely identify the semantic object associated with the target entity.

31. (Currently Amended) The semantic object data structure of claim 29, wherein, the metadata entry ~~of the~~ in the particular metadata field ~~set of metadata fields~~ represents a pre-determined relationship of the semantic object to another semantic object.

32. (Currently Amended) The semantic object data structure of claim 29, wherein, the set of attributes associated with the semantic object comprise, one or more of, an access permission attribute, a display attribute, and an intellectual content attribute, of the semantic object.

33. (Currently Amended) The semantic object data structure of claim 29, wherein, a meta-tag entry of the set of meta-tag fields is definable in ontology.

34. (Currently Amended) The semantic object data structure of claim 29, wherein, ~~the value of~~ the metadata entry of the particular metadata ~~set of tag~~ field[[s]] is definable in the ontology.

35. (New) The method of claim 29, wherein the metadata entry is user-specifiable and/or machine-definable.